

## RAW SEQUENCE LISTING

DATE: 04/11/2002

PATENT APPLICATION: US/09/677,574

TIME: 14:12:06

Input Set : N:\Crf3\RULE60\09677574.raw

Output Set: N:\CRF3\04112002\I677574.raw

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48 <212> TYPE: PRT
49 <213> ORGANISM: Bacteriophage T7
50 <400> SEQUENCE: 4
51      Arg Asp Asn Ala Lys Thr Phe Ile Tyr Gly Phe Leu Tyr Gly
52      1              5              10
54 <210> SEQ ID NO: 5
55 <211> LENGTH: 14
56 <212> TYPE: PRT
57 <213> ORGANISM: Thermotoga neapolitana
58 <400> SEQUENCE: 5
59      Arg Arg Val Gly Lys Met Val Asn Phe Ser Ile Ile Tyr Gly
60      1              5              10
62 <210> SEQ ID NO: 6
63 <211> LENGTH: 14
64 <212> TYPE: PRT
65 <213> ORGANISM: Bacteriophage T5
66 <400> SEQUENCE: 6
67      Arg Gln Ala Ala Lys Ala Ile Thr Phe Gly Ile Leu Tyr Gly
68      1              5              10
70 <210> SEQ ID NO: 7
71 <211> LENGTH: 14
72 <212> TYPE: PRT
73 <213> ORGANISM: Thermotoga maritima
74 <400> SEQUENCE: 7
75      Arg Arg Ala Gly Lys Met Val Asn Phe Ser Ile Ile Tyr Gly
76      1              5              10
78 <210> SEQ ID NO: 8
79 <211> LENGTH: 11
80 <212> TYPE: PRT
81 <213> ORGANISM: Thermotoga neapolitana
82 <400> SEQUENCE: 8
83      Pro Ser Phe Ala Leu Asp Leu Glu Thr Ser Ser
84      1              5              10
86 <210> SEQ ID NO: 9
87 <211> LENGTH: 11
88 <212> TYPE: PRT
89 <213> ORGANISM: Escherichia coli
90 <400> SEQUENCE: 9
91      Pro Val Phe Ala Phe Asp Thr Glu Thr Asp Ser
92      1              5              10
94 <210> SEQ ID NO: 10
95 <211> LENGTH: 11
96 <212> TYPE: PRT
97 <213> ORGANISM: Bacteriophage T5
98 <400> SEQUENCE: 10
99      Gly Pro Val Ala Phe Asp Ser Glu Thr Ser Ala
100     1              5              10
102 <210> SEQ ID NO: 11
103 <211> LENGTH: 10

```

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```

104 <212> TYPE: PRT
105 <213> ORGANISM: Bacteriophage T7
106 <400> SEQUENCE: 11
107     Met Ile Val Ser Asp Ile Glu Ala Asn Ala
108         1             5             10
110 <210> SEQ ID NO: 12
111 <211> LENGTH: 26
112 <212> TYPE: DNA
113 <213> ORGANISM: Artificial sequence
114 <220> FEATURE:
115 <223> OTHER INFORMATION: Description of artificial sequence: synthetic
oligonucleotide
116 <400> SEQUENCE: 12
117     gacgttttcaa gcgctagggc aaaaga
119 <210> SEQ ID NO: 13
120 <211> LENGTH: 14
121 <212> TYPE: PRT
122 <213> ORGANISM: Thermotoga neapolitana
123 <400> SEQUENCE: 13
124     Arg Arg Val Gly Lys Met Val Asn Phe Ser Ile Ile Tyr Gly
125         1             5             10
127 <210> SEQ ID NO: 14
128 <211> LENGTH: 31
129 <212> TYPE: DNA
130 <213> ORGANISM: Artificial sequence
131 <220> FEATURE:
132 <223> OTHER INFORMATION: Description of artificial sequence: synthetic
oligonucleotide
133 <400> SEQUENCE: 14
134     gtatattata gagtagttaa ccatctttcc a
136 <210> SEQ ID NO: 15
137 <211> LENGTH: 6
138 <212> TYPE: PRT
139 <213> ORGANISM: Thermotoga neapolitana
140 <400> SEQUENCE: 15
141     Phe Leu Phe Asp Gly Thr
142         1             5
144 <210> SEQ ID NO: 16
145 <211> LENGTH: 6
146 <212> TYPE: PRT
147 <213> ORGANISM: Thermus aquaticus
148 <400> SEQUENCE: 16
149     Leu Leu Val Asp Gly His
150         1             5
152 <210> SEQ ID NO: 17
153 <211> LENGTH: 10
154 <212> TYPE: PRT
155 <213> ORGANISM: Thermotoga neapolitana
156 <400> SEQUENCE: 17
157     Ser Leu Ile Thr Gly Asp Lys Asp Met Leu
158         1             5             10

```

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Input Set : N:\Crif3\RULE60\09677574.raw

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160 <210> SEQ ID NO: 18
161 <211> LENGTH: 10
162 <212> TYPE: PRT
163 <213> ORGANISM: Thermus aquaticus
164 <400> SEQUENCE: 18
165     Arg Ile Leu Thr Ala Asp Lys Asp Leu Tyr
166         1             5             10
168 <210> SEQ ID NO: 19
169 <211> LENGTH: 35
170 <212> TYPE: DNA
171 <213> ORGANISM: Artificial sequence
172 <220> FEATURE:
173 <223> OTHER INFORMATION: Description of artificial sequence: synthetic
oligonucleotide
174 <400> SEQUENCE: 19
175     gtaggccagg gctgtgccgg caaagagaaa tagtc
176                                     35
177 <210> SEQ ID NO: 20
178 <211> LENGTH: 35
179 <212> TYPE: DNA
180 <213> ORGANISM: Artificial sequence
181 <220> FEATURE:
182 <223> OTHER INFORMATION: Description of artificial sequence: synthetic
oligonucleotide
183 <400> SEQUENCE: 20
184     gaagcatatc cttggcgccg gttattatga aaatc
185                                     35
186 <210> SEQ ID NO: 21
187 <211> LENGTH: 30
188 <212> TYPE: DNA
189 <213> ORGANISM: Artificial sequence
190 <220> FEATURE:
191 <223> OTHER INFORMATION: Description of artificial sequence: synthetic
oligonucleotide
192 <400> SEQUENCE: 21
193     caccagacgg gtaccgccac tggcagggttg
194                                     30
195 <210> SEQ ID NO: 22
196 <211> LENGTH: 48
197 <212> TYPE: DNA
198 <213> ORGANISM: Artificial sequence
199 <220> FEATURE:
200 <223> OTHER INFORMATION: Description of artificial sequence: synthetic
oligonucleotide
201 <400> SEQUENCE: 22
202     tatagagtag ttaaccatct ttccaaccgg ttgcatttct tcgaacac
203                                     48
204 <210> SEQ ID NO: 23
205 <211> LENGTH: 48
206 <212> TYPE: DNA
207 <213> ORGANISM: Artificial sequence
208 <220> FEATURE:
209 <223> OTHER INFORMATION: Description of artificial sequence: synthetic
oligonucleotide
210 <400> SEQUENCE: 23
211     tatagagtag ttaaccatct ttccaaccgg ttgcatttct tcgaacac
212                                     48
213 <210> SEQ ID NO: 24

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214 <211> LENGTH: 48

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TIME: 14:12:06

Input Set : N:\Crf3\RULE60\09677574.raw

Output Set: N:\CRF3\04112002\I677574.raw

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215 <212> TYPE: DNA
216 <213> ORGANISM: Artificial sequence
217 <220> FEATURE:
218 <223> OTHER INFORMATION: Description of artificial sequence: synthetic
oligonucleotide
219 <400> SEQUENCE: 24
220      tatagagtag ttaaccatct ttccaacccg gttcatttct tcgaacac      48
222 <210> SEQ ID NO: 25
223 <211> LENGTH: 48
224 <212> TYPE: DNA
225 <213> ORGANISM: Artificial sequence
226 <220> FEATURE:
227 <223> OTHER INFORMATION: Description of artificial sequence: synthetic
oligonucleotide
228 <400> SEQUENCE: 25
229      tatagagtag ttaaccatct ttccaacccg atgcatttct tcgaacac      48
231 <210> SEQ ID NO: 26
232 <211> LENGTH: 29
233 <212> TYPE: DNA
234 <213> ORGANISM: Artificial sequence
235 <220> FEATURE:
236 <223> OTHER INFORMATION: Description of artificial sequence: synthetic
oligonucleotide
237 <400> SEQUENCE: 26
238      aagatgggta acgcgtctat aatatacgg      29
240 <210> SEQ ID NO: 27
241 <211> LENGTH: 23
242 <212> TYPE: DNA
243 <213> ORGANISM: Artificial sequence
244 <220> FEATURE:
245 <223> OTHER INFORMATION: Description of artificial sequence: synthetic
oligonucleotide
246 <400> SEQUENCE: 27
247      caagaggcac agagagtttc acc      23
249 <210> SEQ ID NO: 28
250 <211> LENGTH: 30
251 <212> TYPE: DNA
252 <213> ORGANISM: Artificial sequence
253 <220> FEATURE:
254 <223> OTHER INFORMATION: Description of artificial sequence: synthetic
oligonucleotide
255 <400> SEQUENCE: 28
256      gtatattata gaggagttaa ccatctttcc      30
258 <210> SEQ ID NO: 29
259 <211> LENGTH: 29
260 <212> TYPE: DNA
261 <213> ORGANISM: Artificial sequence
262 <220> FEATURE:
263 <223> OTHER INFORMATION: Description of artificial sequence: synthetic
oligonucleotide
264 <400> SEQUENCE: 29
265      aagatgggta acttctctat aatatacgg      29
267 <210> SEQ ID NO: 30

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268 <211> LENGTH: 48

269 <212> TYPE: DNA

## VERIFICATION SUMMARY

DATE: 04/11/2002

PATENT APPLICATION: US/09/677,574

TIME: 14:12:07

Input Set : N:\Crf3\RULE60\09677574.raw

Output Set: N:\CRF3\04112002\I677574.raw

L:8 M:256 W: Invalid Numeric Header Field, Wrong Prior FILING DATE:YYYY-MM-DD  
L:10 M:256 W: Invalid Numeric Header Field, Wrong Prior FILING DATE:YYYY-MM-DD  
L:12 M:256 W: Invalid Numeric Header Field, Wrong Prior FILING DATE:YYYY-MM-DD  
L:14 M:256 W: Invalid Numeric Header Field, Wrong Prior FILING DATE:YYYY-MM-DD  
L:23 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:1  
L:27 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1



Creation date: 11-04-2003  
Indexing Officer: AGOMEZ - ALFREDO GOMEZ, JR.  
Team: OIPEBackFileIndexing  
Dossier: 09677574

Legal Date: 04-19-2002

No.	Docode	Number of pages
1	IDS	5

Total number of pages: 5

Remarks:

Order of re-scan issued on .....